

## 云南兰科二新种

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### TWO NEW SPECIES OF ORCHIDACEAE FROM YUNNAN

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关键词 文山鹤顶兰; 红河蝶兰

Key words *Phaius wenshanensis*; *Phalaenopsis honghenensis*

文山鹤顶兰 新种 图 1

*Phaius wenshanensis* F.Y.Liu sp. nov.

Species nova proxima *P. mishmensi* Reichb. f., sed floribus expansis sepalo intermedio elliptico, labelli lobo medio fere obcordato apice bifido, operculo antherae late ovoideo distincta.

Caulis gracilis teres 40—50 cm longus, 0.6—1 cm diam., basi ampliatus, nodis 7—8. praeditus. Folia 6—7, ad apicem caulis alternatim sita, sed basi in pseudocaulem 7—10 cm longum mutue superimposita; lamina late elliptica 10—34 cm longa, 5—12 cm lata, apice longe caudata, basi gradatim angustata, petiolata, utrinque glabra. Seapi 2 lateralesse nodo tertio vel quarto in parte inferiore caulis orientes, erecti, ad 45 cm alti, glabri, vaginis laxis 3—5; racemis ad 30 cm longis, 5—6-floris; bracteis tubiformibus c. 8 cm longis, 1.2 cm diam.; pedicello cum ovario c. 2.7 cm longo, 4.5 mm crasso, glabro; flores magni, 6—8 cm diam.; sepala petala et labellum extus flava, intus rubra; sepalum intermedium ellipticum c. 3.8 cm longum medio 1.4—1.6 cm latum, apice obtusum lateralia anguste elliptica, 4—4.2 cm longa, medio 1.4—1.45 cm lata; petala oblique oblanceolata, 3.7—3.9 cm longa, medio 1—1.2 cm lata, apice obtusa; labellum paene tubatum, c. 5.6 cm longum, 1.3—1.4 cm (expansum 3.7 cm) latum, inferne purpureo-rubro-maculatum, trilobatum, 1 bis lateralibus subovatis, c. 3.5 cm longis, 1.4—1.7 cm latis, apice obtusis, margine undulatis columnam basi amplexantibus; lobo medio fere obcordato, c. 0.9 cm longo, 1.7 cm lato, margine crispato; discus carinis 2 luteolis pilosis medio alatis instructus, apice callo flavo productus; calcar c. 2.3 cm

longum 4 mm latum luteolum, cornutum basi dilute curvatum; columna c. 2.7 cm longa,



图1 文山鹤顶兰 *Phaius wenshanensis* F.Y.Liu sp. nov.

1. 全株; 2. 中萼片; 3. 侧萼片; 4. 花瓣; 5. 唇瓣展开; 6. 唇瓣及合蕊柱侧面观; 7. 合蕊柱及唇瓣距; 8. 花粉块。(肖溶绘)

palis et petalis 10—13 mm longis labelli lobo medio ligulato, polliniis orbiculatis distincta.

Epiphytica, radicibus copiosis compressis verruculosus. Caulis brevissimus 5—10 mm altus, Folia 1—2, fere basalia, subanthesi praesentia, oblique elliptica, 2.5—7 cm longa, 1.5—2.5 cm lata, apice oblique acuta, basi cuneata et articulata; vaginis persistentibus, c. 5 mm longis, purpureo-rubro-maculosis. Inflorescentia 6.7—7.7 cm longa, simplex vel ramosa, laxe 4—6 flora, vaginis squamiformibus 3 late ovatis ima cylindrica Praeditus; rhachidi 3.5—4.5 cm longa; bracteae ovatae, 5—6 mm longae; flores parvi, 2.2—2.9 cm diam.; sepala et petala purpureo-rubra longitudinaliter 5—6 striata; sepalum intermedium spathulatum, 10—13 mm longum, 4.5—5.5 mm latum, apice obtusum, lateralibus oblique rhombea, 10—13 mm longa, 5—6 mm lata apice obtusa; petala spathulata, c. 11 mm longa, 5—6 mm lata apice obtusa; labellum trilobum, purpureo-rubrum; lobis lateralibus oblongis, 6—7 mm longis, 2 mm latis, eo intermedio

8—4 cm lata, luteola, inferne purpureo-maculata; operculum antherae late ovodeum, c. 6 mm longum, luteolum, dense brevialbopubescens; pollinia 8, suborbiculato-flabelliformia. Capsula c. 4 cm longa, 1.5 cm crassa.

Yunnan:(云南), Wenshan (文山), Alt. 1300 m, terrestrial in dense forest. 1988, F. Y. Liu (刘方媛) 88003 (Holotypus KUN).

本新种极接近红花鹤顶兰 *P. mishmensis* Reichb.f. 但花开展, 花萼, 中萼片椭圆形, 唇瓣中裂片近倒心形, 顶端2裂, 药帽宽卵形, 易于区别。

### 红河蝶兰 新种

### *Phalaenopsis honghenensis*

F.Y.Liu, sp. nov.

Species nova proxima *P. miore* F. Y. Liu, sed floribus minoribus purpureo-rubris, se-



图2 红河蝶兰 *Phalaenopsis honghenensis* F.Y.Liu, sp. nov.

1. 全株; 2. 中萼片、侧萼片及花瓣; 3. 唇瓣展开; 4. 唇瓣及合蕊柱侧面观; 5. 合蕊柱; 6. 花粉块。(肖溶绘)

ligulato, 7—8 mm longo, 2 mm lato, apice emarginato, prope apicem pulvinato-incrassato centro carinis-misus lamelliformibus, et disco inter lobos laterales cailis duobus purpureo-rubris basi connatis apice bifidis praedito; calcari 15 mm longo; columna clavata, c. 8.5 mm longa leviter arcuata, basi in pedem c. 3 mm longum producta, stigmathe concavo, magno; operculum antherae cucullatum, apice rostratum polliniis 4 orbiculatis, quorum duobus superioribus minoribus; ovarium cum pedicello gracili 1.6—1.7 cm longum. Capsula clavata c. 6.2 cm longa, 4.5 cm crassa.

Yunnan (云南): Honghe (红河), alt. 2000 m, epiphytic on tree trunk, 1st Apr. 1988, F.Y.Liu (刘方媛) 88002 (Holotypus KUN).

本新种极接近小蝶兰 *P. miore* F.Y.Liu, 花较小紫红色, 中萼片是匙形, 唇瓣中裂片舌状, 花粉块圆形, 易于区别。